

COLORADO RIVER MAIN STEM**09383000 COLORADO RIVER AT COMPACT POINT, NEAR LEES FERRY, AZ**

LOCATION.--Lat 36° 51' 05", long 111° 36' 21", in NE1/4SE1/4 sec. 23, T.40 N., R.7 E., Coconino County, Hydrologic Units 14070006, 15010001, (see REMARKS), 1 mi downstream from Paria River, 1.4 mi downstream from gage on Colorado River at Lees Ferry, and 29 mi downstream from Utah-Arizona State line.

DRAINAGE AREA.--112,000 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--Oct. 1913 to current year (monthly discharge only). Prior to Oct. 1950, published in WSP 1313.

DETERMINATION OF DISCHARGE.--There is no gage. Monthly and yearly discharge computed as the sum of flow at stations on Colorado River and Paria River at Lees Ferry.

REMARKS.--This location on the Colorado River is the dividing point between the Upper Basin and Lower Basin, as defined in the Colorado River Compact of 1922. Flow substantially regulated by Lake Powell beginning Mar. 13, 1963. (See elsewhere in this report.)

AVERAGE DISCHARGE.--49 years (water years 1914--62), 17,760 ft³/s, 12,870,000 acre-ft/yr; 38 years (water years 1965--2002), 14,130 ft³/s, 10,240,000 acre-ft/yr.

Monthly discharge, water year October 2001 to September 2002

Month	Mean, in cubic feet per second	Runoff, in acre-feet
October	9,877	607,300
November	10,260	610,400
December	13,050	802,600
Calendar year 2001	11,190	8,103,000
January	13,120	806,500
February	10,890	605,100
March	9,951	611,900
April	10,350	615,800
May	9,844	605,300
June	12,810	762,000
July	14,920	917,600
August	14,780	908,900
September	8,306	494,300
Water year 2002	11,530	8,348,000

NOTE.--Record shown is sum of flow at stations on Colorado River and Paria River at Lees Ferry.